

How to change: Toyota RAV4 III spark plugs – replacement guide

 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
TOYOTA CAMRY Saloon (_V3_) 2.4 (ACV30, ACV36), TOYOTA CAMRY Saloon (_V4_) 2.4 (ACV40), TOYOTA CAMRY Saloon (_V4_) 2.4 (ACV40_), TOYOTA MATRIX (_E14_) 2.4 (AZE14_), TOYOTA RAV 4 II (_A2_) 2.4 4WD (ACA23, ACA22), TOYOTA RAV 4 III (_A3_) 2.4 (ACA36, ACA38), TOYOTA RAV 4 III (_A3_) 2.4 4WD (ACA31, ACA33), TOYOTA SOLARA Coupe (_V3_) 2.4 (ACV30_)

The steps may slightly vary depending on the car design.

REPLACEMENT: SPARK PLUGS – TOYOTA RAV4 III. TOOLS YOU MIGHT NEED:



- Electronic spray
- High-temperature anti-seize lubricant
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Fender cover

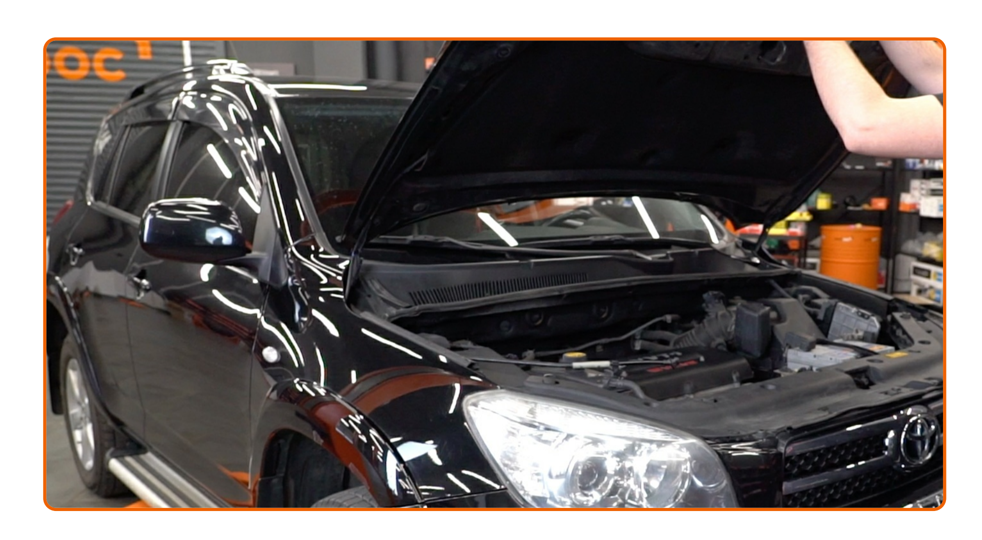


Replacement: spark plugs – Toyota RAV4 III. Tip from AUTODOC:

- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

REPLACEMENT: SPARK PLUGS – TOYOTA RAV4 III. TAKE THE FOLLOWING STEPS:

1



Open the hood.

2



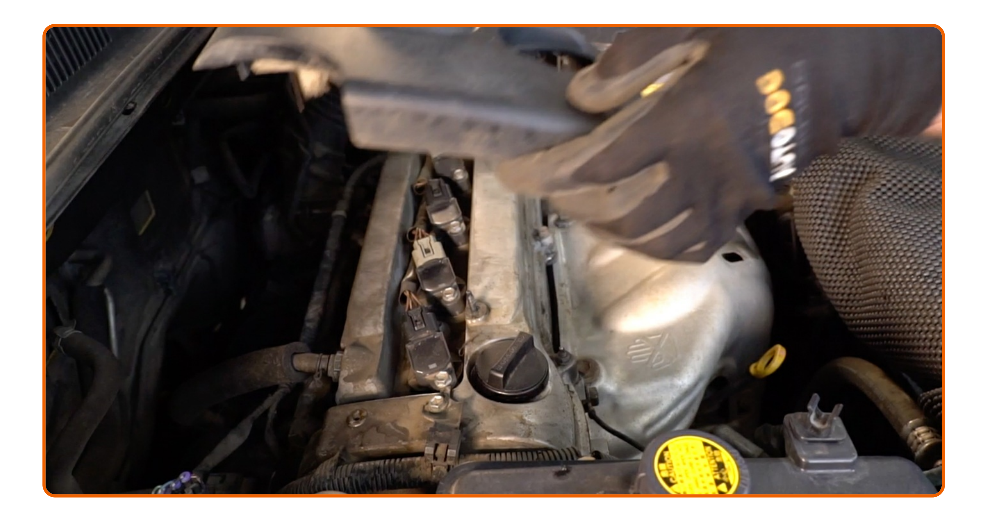
Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3



Unscrew the engine cover fastener. Use a drive socket #10. Use a ratchet wrench.

4



Remove the engine cover.

5



Unplug the connectors from the ignition coils.

6



Unscrew the ignition coil bracket. Use a drive socket #10.

7



Remove the fastening bolts.

8

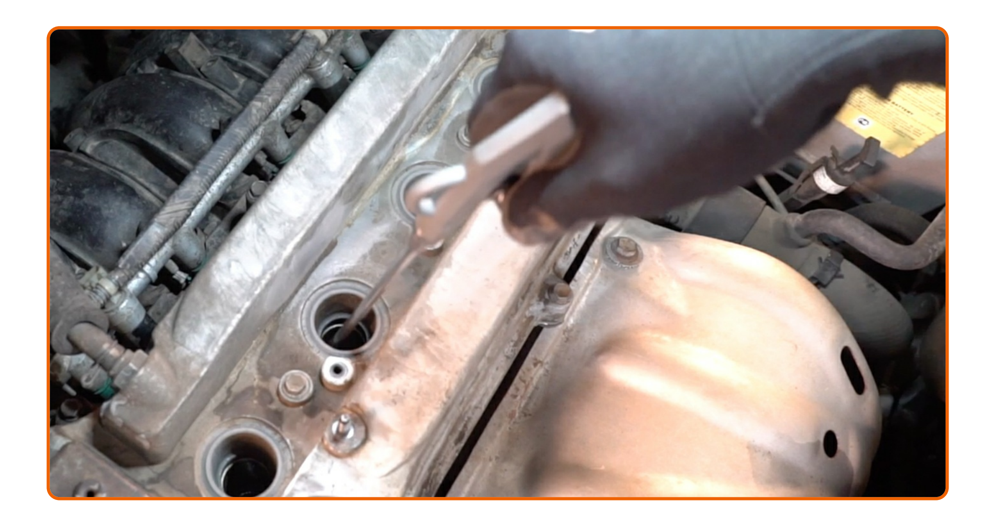


Take out the ignition coil from the spark plug well.

Replacement: spark plugs – Toyota RAV4 III. Tip:

- Remember the sequence of steps for ignition coil demounting.

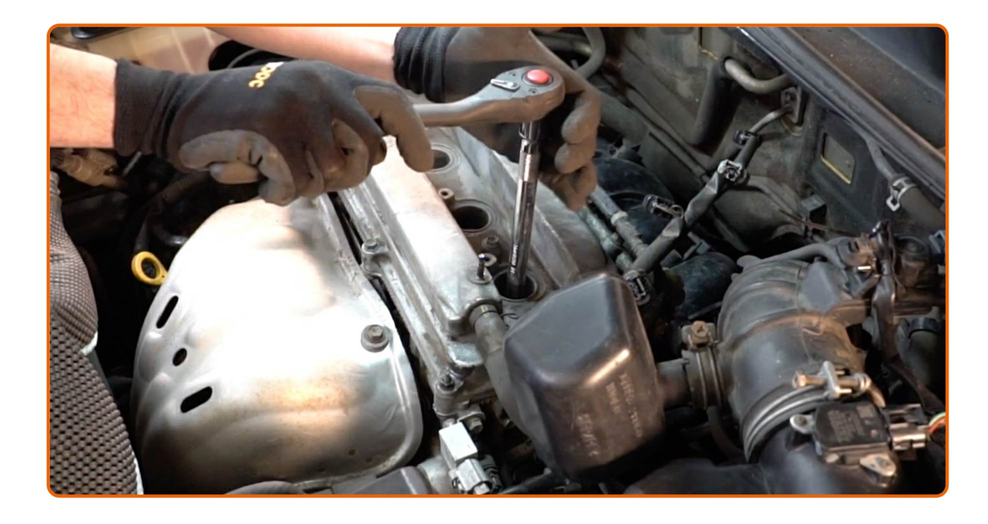
9



Clean dirt, dust and debris from inside the spark plug wells.

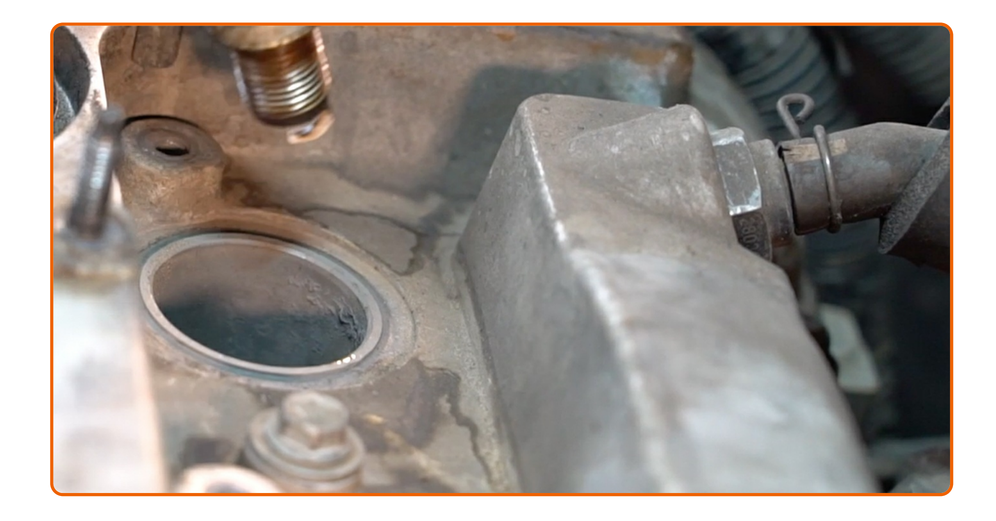


10



Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.

11



Take out the spark plugs.

12



Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs. Treat the surface of the terminals of the new spark plugs. Use high-temperature grease.

13



Install the new spark plugs into their mounting seats.



14

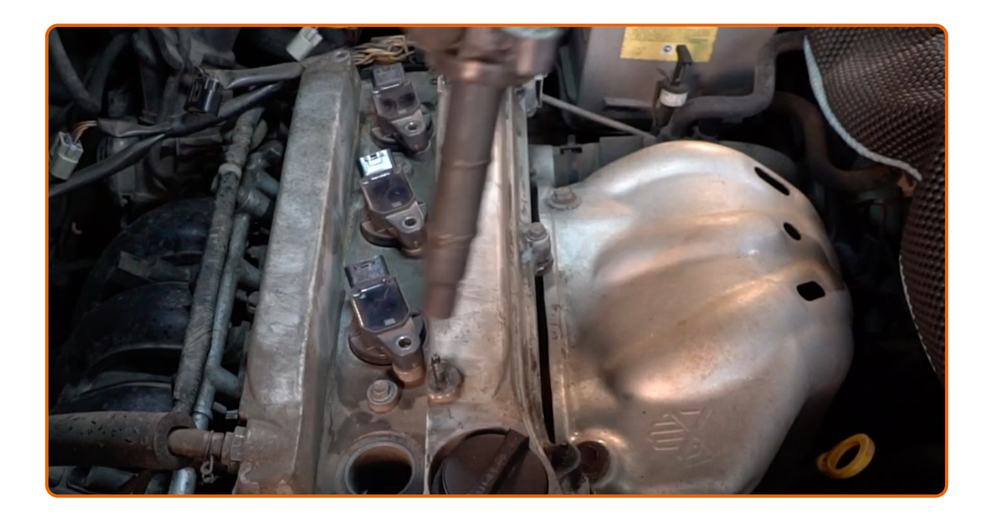


Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 27 nm torque.

Replacement: spark plugs – Toyota RAV4 III. Tip from AUTODOC experts:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

15

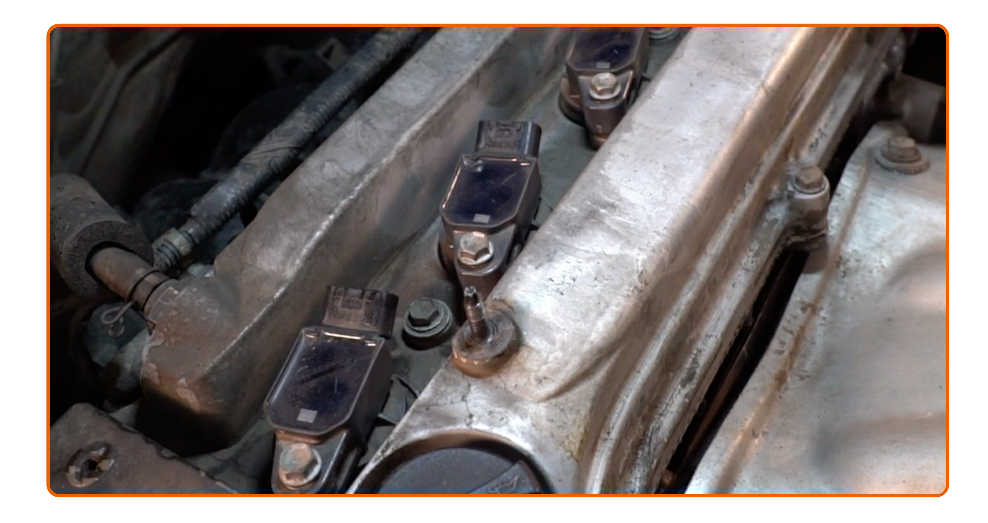


Install the ignition coils to the spark plug wells. Make sure you hear a click indicating that it is locked in place.

AUTODOC recommends:

- Replacement: spark plugs – Toyota RAV4 III. Follow the installation steps.

16



Install the fastening bolts.

17



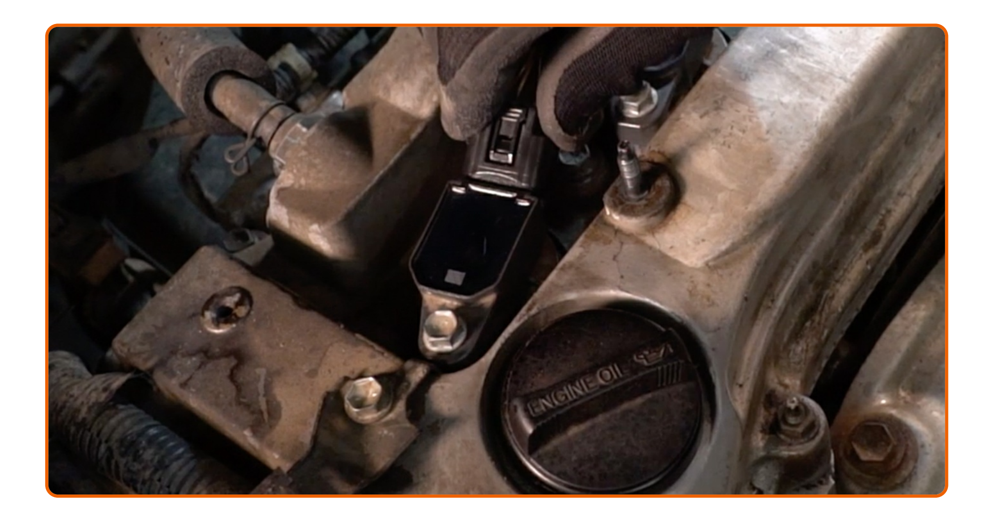
Tighten the fasteners of the ignition coils. Use a drive socket #10. Use a torque wrench. Tighten it to 8 nm torque.

18



Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.

19



Plug in the connectors of the ignition coils. Make sure you hear a click indicating that it is locked in place.

20



Install the engine cover and secure it.

21



Screw in the engine cover fasteners. Use a drive socket #10. Use a ratchet wrench.

AUTODOC recommends:

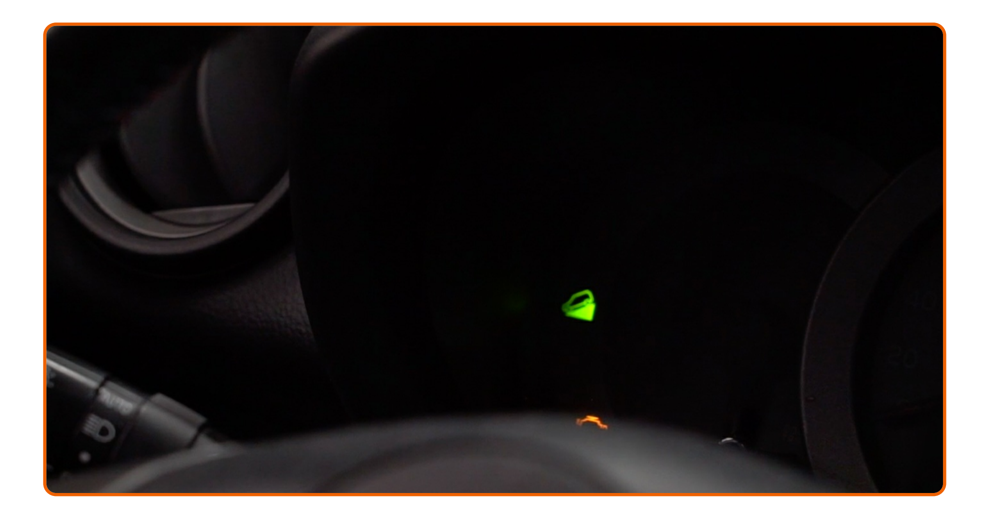
- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Replacement: spark plugs – Toyota RAV4 III. Do not use excessive force during installation. This may damage the fasteners.

22



Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

23



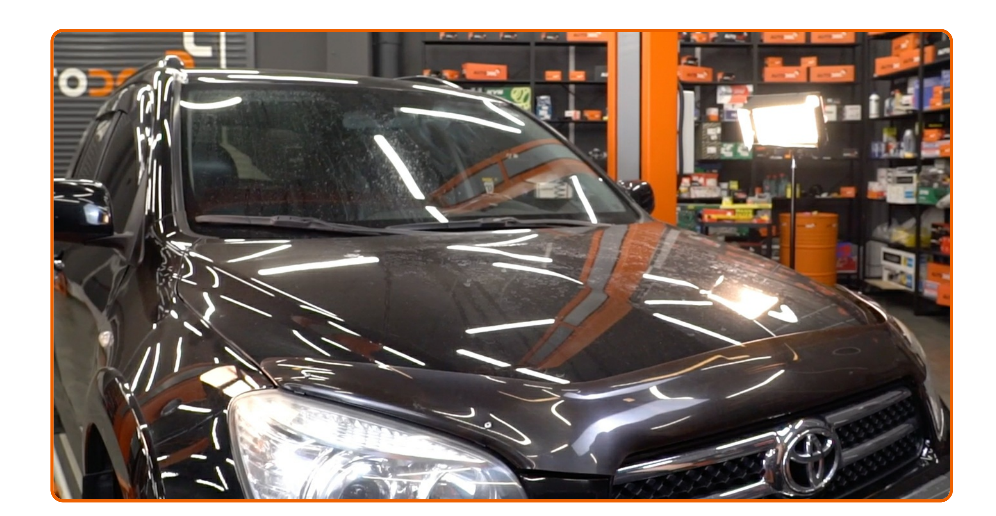
Shut off the engine.

24



Remove the fender protection cover.

25



Close the hood.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



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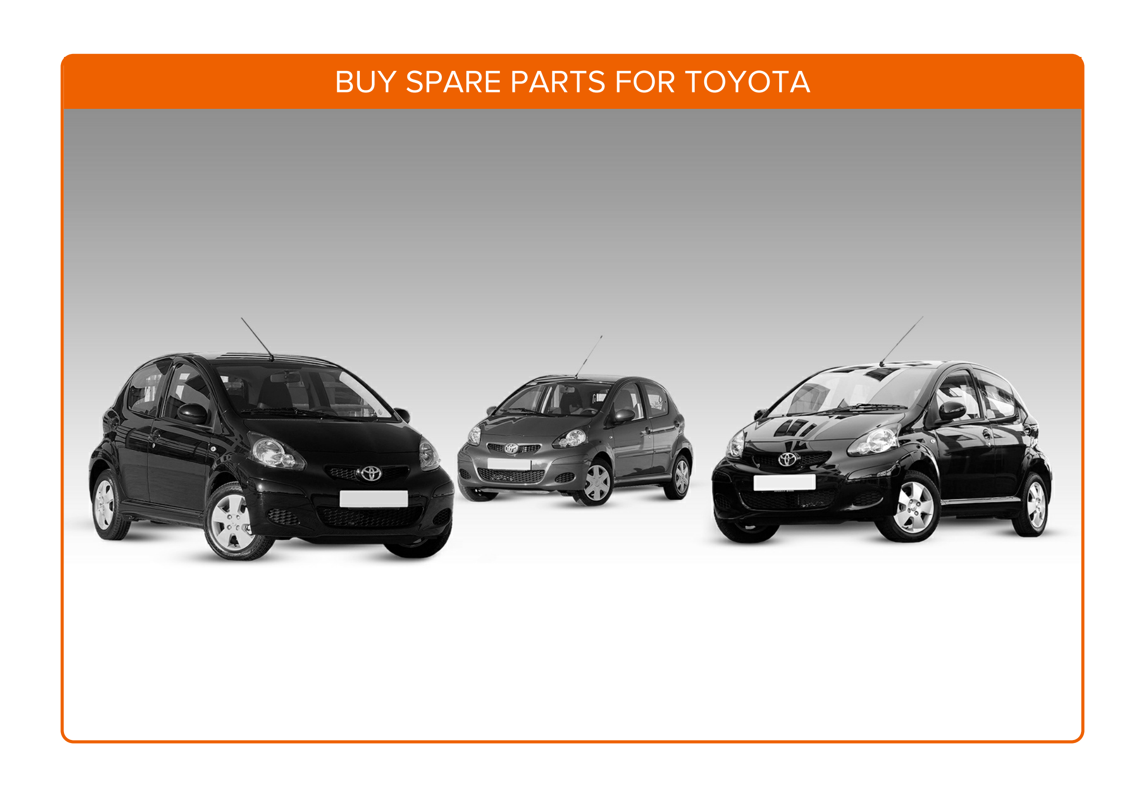
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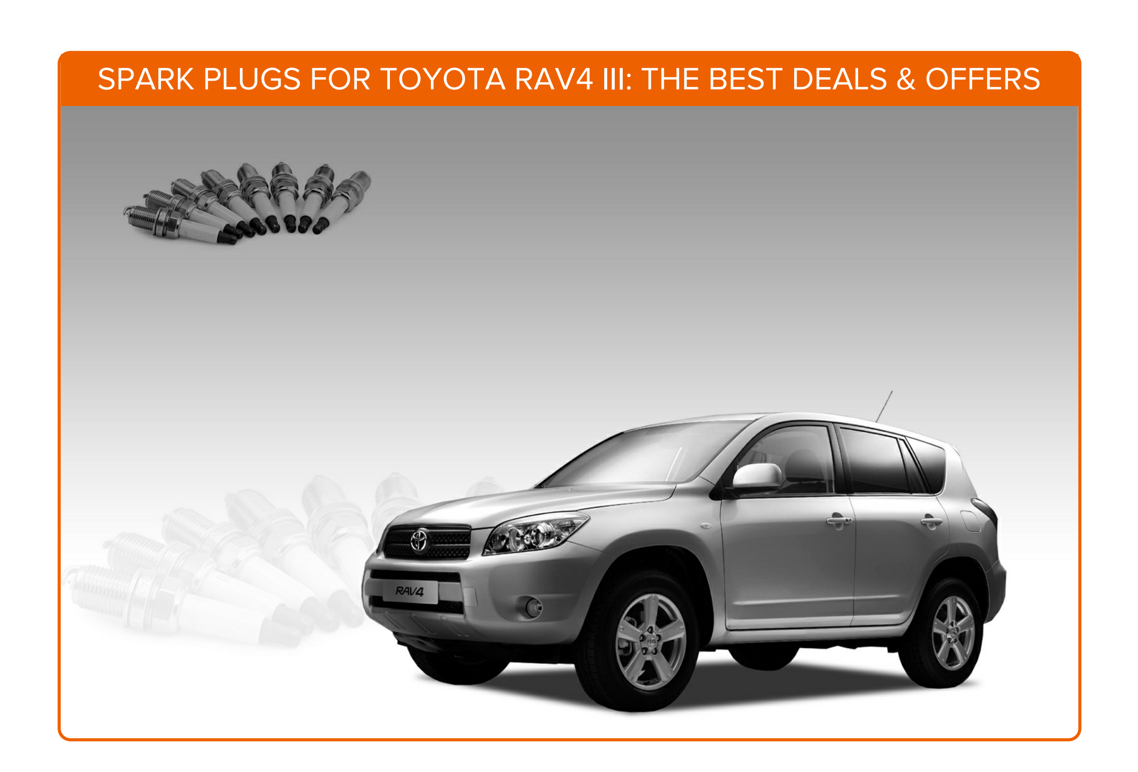

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